

Double Ridged Horn Antenna Model QRH11R



Telemeter Electronic

Electrical Specifications

Frequency Range	730 MHz – 11 GHz
VSWR (max.)	2.4
VSWR (avg.)	1.5
Impedance	50 Ω
Connector	SMA (female)
Power (CW/Peak)	100 W / 170 W
Antenna Factor	23 – 38 dB/m
Port Isolation	-32 dB
Polarization	Dual Linear, Circular (with hybrid)

Physical Specifications

Width	360 mm (14.173 in)
Height	270 mm (10.630 in)
Depth	360 mm (14.173 in)
Weight	2.7 kg (5.952 lb)

Operating Conditions

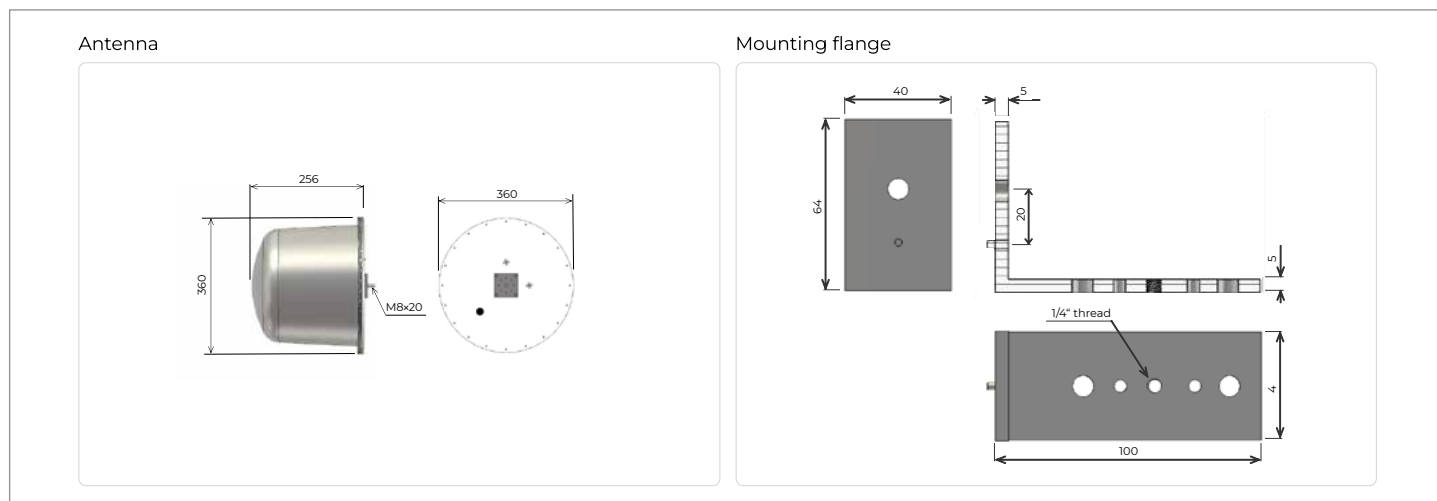
Rated Temperature Range	-10 °C – +50 °C
Storage Temperature Range	-20 °C – +70 °C



Mounting Flange

Mounting	Adapter with 1/4 inch inner thread, supplied with antenna
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Mechanical Drawings



Deutschland
Telemeter Electronic GmbH
 Joseph-Gänsler-Str. 10, 86609 Donauwörth
 Tel. +49 906 70693-0, Fax +49 906 70693-50
 info@telemeter.de, www.telemeter.info

Schweiz
Telemeter Electronic GmbH
 Romanshornstr. 117, 8280 Kreuzlingen
 Tel. +41 71 6992020, Fax +41 71 6992024
 info@telemeter.ch, www.telemeter.info

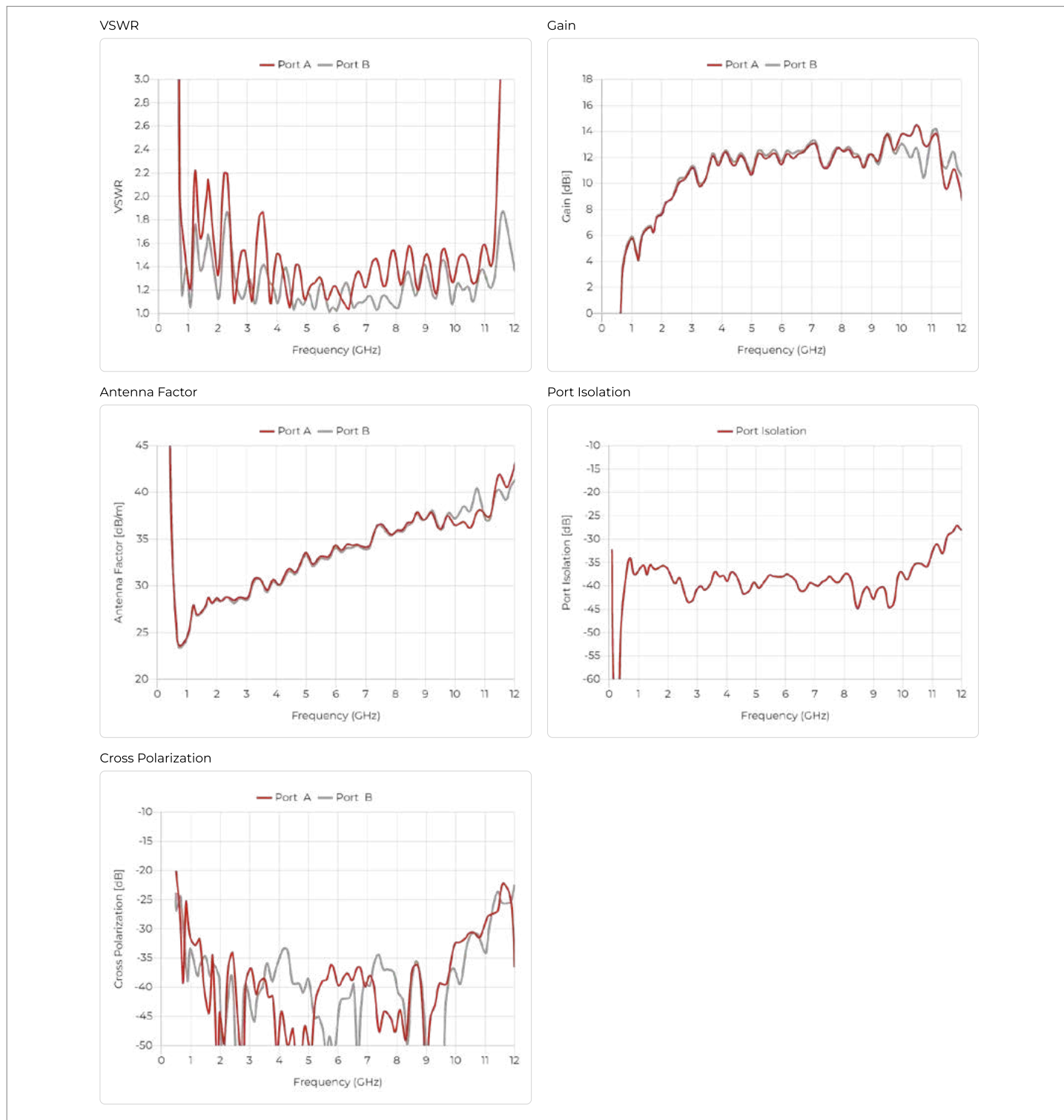
Tschechische Republik
Telemeter Electronic s.r.o.
 České Vrbné 2364, 37011 České Budějovice
 Tel. +420 38 5310637 und +420 38510143
 info@telemeter.cz, www.telemeter.info

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Typical Parameters



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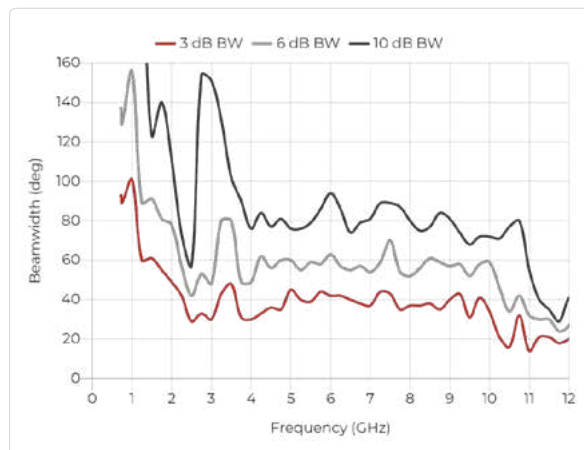
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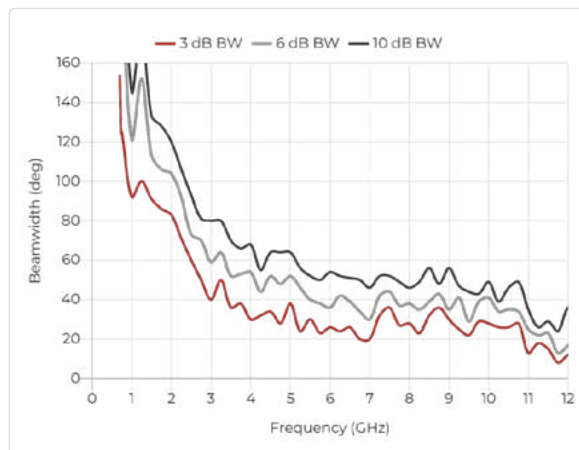
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Beamwidth

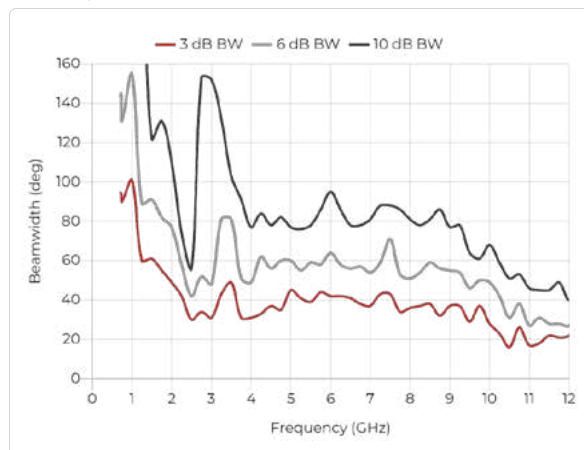
Port A, E plane



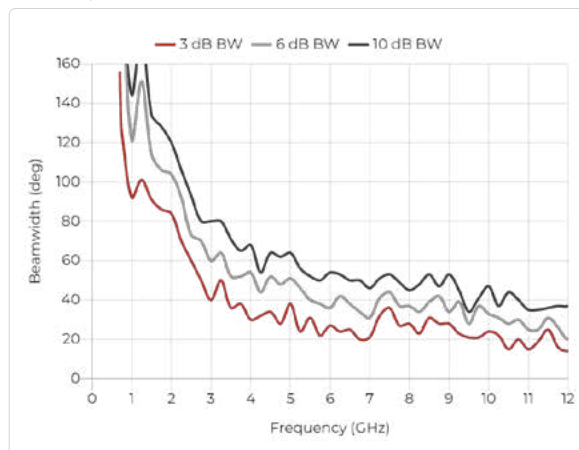
Port A, H plane



Port B, E plane



Port B, H plane



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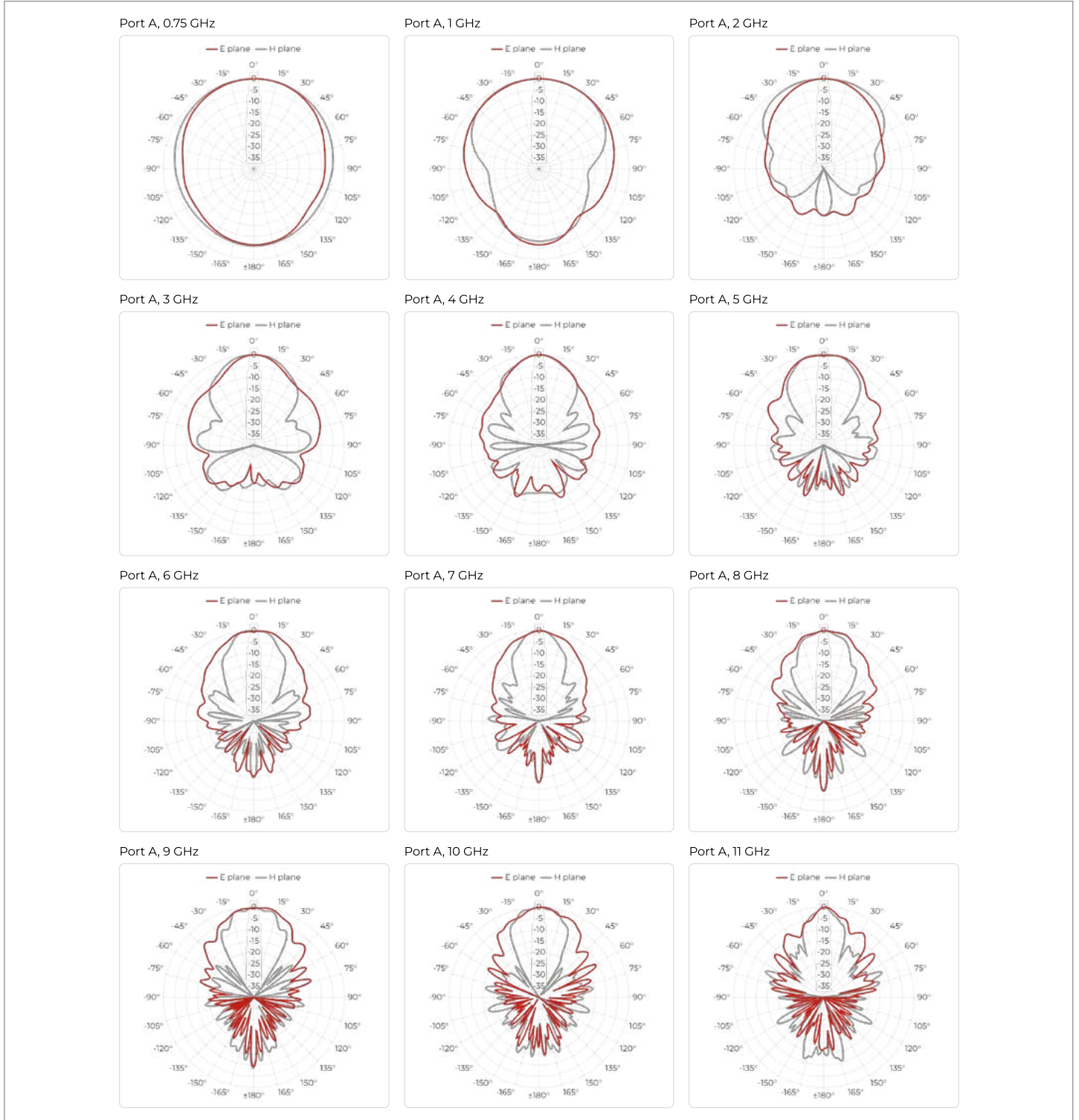
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Radiation Patterns – Port A



Double Ridged Horn Antenna Model QRH11R

Radiation Patterns – Port B

